

Information transfer system, a transmitter , a receiver and a record carrier for use in the system.

The invention relates to an information transfer system, comprising a receiver and a transmitter for transferring an information signal to the receiver via a transfer medium, the information signal comprising main data and sub data, the sub data comprising coded text lines having a plurality of character codes, the receiver being provided with a character display unit for displaying characters defined by the character codes in the coded text lines, which display unit has a predetermined number of character display positions.

The invention further relates to a transmitter, a receiver and a record carrier for use in the system.

A system as described in the opening paragraph is inter alia known from EP-A-0,325,325. In this patent application a system is described in which the information signal is transferred via a record carrier, e.g. a Compact Disc or a digital audio tape, to an audio player. The player is provided with at least one multi-line display unit for displaying text lines defined by the coded text lines included in the sub data transferred. The number of character positions (digits) of the display unit is sufficient to display a full text line of forty characters. By means of the system additional information related to the main (audio) information reproduced can be displayed.

The full line display units are less suitable when small sized receivers, such as e.g. portable players and car radios, are used in the system, because in general there is not enough space available for such full line display units. Full line display units are also less suitable to be used on the remote controllers of the receivers. On the other hand it is also desirable that on that type of receivers and remote controllers additional information related to the reproduced main information can be displayed.

It is an object of the invention to provide means which enables that significant parts of the text information available in the sub data can also be shown on display units on small-sized receivers and remote controllers without the requirement of far-reaching amendments in the sub data format.

According to the invention this object is achieved for a system described in the opening paragraph which is characterized in that said predetermined number of character positions of the display unit is less than the number of character codes in the